WHAT IS CLAIMED IS:

1. A video coding method comprising:

coding video data; and

controlling the coding so as to maintain a

5   predetermined frame rate of the video data.

2. The video coding method according to claim 1,

wherein the controlling comprises:

detecting a processing time required for the

coding; and

10   controlling the coding based on a detected

processing time and the predetermined frame rate.

3. The video coding method according to claim 1,

wherein the controlling comprises controlling a motion

vector detection in the coding.

15   4. The video coding method according to claim 3,

wherein the controlling comprises controlling a search

range or a search precision of a block search in the

motion vector detection.

5. The video coding method according to claim 1,

20   further comprising filtering the video data prior to

the coding, and

wherein the controlling comprising controlling the

filtering based on the processing state of the coding

so that the predetermined frame rate is maintained.

25   6. The video coding method according to claim 1,

wherein the coding is performed by allowing a CPU to

perform a computer program for the coding, and

the controlling comprises detecting a load of
the CPU and controlling the coding based on the load of
the CPU.

7. A video coding method comprising:

filtering video data;

coding filtered video data; and

controlling at least one of the filtering and the
coding so as to maintain a predetermined frame rate of
the video data.

8. The video coding method according to claim 7,
wherein the controlling comprises:

detecting a processing time required for the
coding; and

controlling the coding based on a detected
processing time and the predetermined frame rate.

9. The video coding method according to claim 7,
wherein the controlling comprises controlling a motion
vector detection in the coding.

10. The video coding method according to claim 7,
wherein the controlling comprises controlling a search
range or a search precision of a block search in the
motion vector detection.

11. The video coding method according to claim 7,
wherein the coding is performed by allowing a CPU to
perform a computer program for the coding, and

the controlling comprises detecting a load of
the CPU and controlling the coding based on the load of

the CPU.

12. A data processing device comprising:

an encoder configured to code video data; and

a controller configured to control the encoder so

at to maintain a predetermined frame rate of the video

data.

13. The data processing device according to

claim 12, further comprising a detector configured to

detect a processing time of the encoder required for

a coding, and wherein said controller controls the

encoder based on a detected processing time and the

predetermined frame rate.

14. The data processing device according to

claim 12, wherein the controller controls a motion

vector detection in a coding performed by the encoder.

15. The data processing device according to

claim 12, wherein the encoder comprises a CPU operated

based on a computer program for the coding, and

the controller detects a load of the CPU and

controls the encoder based on the load of the CPU.

16. A data processing device comprising:

a filter configured to filter video data;

an encoder configured to code filtered video data;

and

a controller configured to control at least one

of the filter and the encoded so as to maintain

a predetermined frame rate of the video data.

17. A computer program product configured to store program instructions for execution on a computer system enabling the computer system to perform:

coding video data; and

5   controlling the coding so as to maintain a predetermined frame rate of the video data.

18. The computer program product according to claim 17, wherein the program instruction to controlling comprises sub-instructions to perform:

10   detecting a processing time required for the coding; and

controlling the coding based on a detected processing time and the predetermined frame rate.

19. The computer program product according to
15 claim 17, further comprising a program instruction to filtering the video data prior to the coding, and

wherein the program instruction to controlling comprising a sub-instruction to controlling the filtering based on the processing state of the coding
20 so that the predetermined frame rate is maintained.